

Waite, Justin

From: Dumaliang, Peter <Peter.Dumaliang@kingcounty.gov>
Sent: Wednesday, November 10, 2010 1:27 PM
To: Ryan Larson
Subject: RE: FW: Jorgensen Forge Outfall Closure - UPDATE

Ryan:

Some comments in red below. Let's talk next week when you get the chance to make sure we are on the same page on what's happening at Jorgensen Remediation.

Peter Dumaliang, Environmental Scientist III
Airport Engineering

King County International Airport/Boeing Field
7277 Perimeter Rd. S.
Seattle WA 98108
Peter.Dumaliang@kingcounty.gov
Direct: (206) 296-7597
Fax: (206) 296-0190

Cell: (206) 391-7577

From: Ryan Larson [mailto:rlarson@ci.tukwila.wa.us]
Sent: Thursday, November 04, 2010 3:29 PM
To: Dumaliang, Peter
Subject: Re: FW: Jorgensen Forge Outfall Closure - UPDATE

Peter,

Sorry it has taken me so long to get back to you on this. The City had not made any final decisions yet on how to proceed but our current interim plan is to do the following:

1. Plug the 24" pipe from the Airport in our City manhole. This will prevent any surcharged water within the City manhole from blowing the Airport plug out. - Completed (10/2010)
2. Allow the City's system to back up until it overflows to the South. This will not happen until Jorgensen completes their work. **When the City's line backs up and overflows to the south, it flows to the Airport's outfall at Boeing Isaacson downstream. The City will still need authorization from the County to use the Airport's pipe. Will the City continue to discharge to the 24 inch contaminated pipe during Jorgensen's remediation of the pipe? The City will also need to plug the outlet at the City manhole to the 24 inch contaminated pipe to prevent contaminants from being transferred to the Airport's outfall downstream at Boeing Isaacson.**
3. Monitor the situation for an surcharging of the system once it operates in overflow. Take corrective action if needed.
4. Work with Jorgensen to secure an easement contingent on them finishing remediation of the site - City Attorney's office is in discussion with Jorgensen on this.
5. Hire a consultant to review the Boeing, Jorgensen, and two airport outfalls the City is connected to and develop a long term solution for drainage along EMWS. Funding is available in 2011. **A capacity analysis needs to be performed on whether the City's Jorgensen basin (~3 acres) will impact the downstream structures, Airport pipe and associated properties.**

So for now, we will hold off on applying to drain to the Airport site. I see this also as an interim solution and will require

a lot of work but does not solve the City's problem of not owning or having a written agreement for drainage along EMWS from the Flight Museum to the north city limits. **Draining to the Airport site was never an option.**

Please let me know if you have any questions or concerns on this.

Ryan Larson
City of Tukwila
206.431.2456

>>> "Dumaliang, Peter" <Peter.Dumaliang@kingcounty.gov> 10/27/2010 11:09 AM >>>

Ryan:

I wanted to follow up on whether you had any questions regarding my last email update (below). Thanks.

Peter Dumaliang, Environmental Scientist III

Airport Engineering

King County International Airport/Boeing Field

7277 Perimeter Rd. S.

Seattle WA 98108

Peter.Dumaliang@kingcounty.gov

Direct: (206) 296-7597

Fax: (206) 296-0190

Cell: (206) 391-7577

From: Dumaliang, Peter
Sent: Monday, October 04, 2010 1:21 PM
To: 'Ryan Larson'
Subject: RE: Jorgensen Forge Outfall Closure - UPDATE
Importance: High

Ryan:

I wanted to update you on the status of the City's request to reroute the City's Jorgensen Forge Outfall stormwater to the Airport Discharge at Boeing Isaacson (Airport South Pump station) Outfall. I had sought advice from our attorney and King County Property Management, to determine the proper route in allowing the reroute. Please see the steps below on what was arrived:

1. The City of Tukwila will need to apply for a Special Use Permit (5-year, revocable) from King County Real Estate Services. The permit process and guidelines are attached. There is an application fee of \$500. An additional land use fee may be imposed.
2. As a provision of the permit, an agreement/MOU will be included to memorialize other special conditions required by the Airport including, but not limited to, indemnification and stormwater management fee reduction. Engineering controls to protect Airport plugs and to prevent PCB contamination from the 24" Jorgensen pipe will be required.
3. The pipe capacity analysis on the additional discharge from Jorgensen should probably be initiated relatively soon. If the analysis shows that there are potential impacts to the Airport outfalls and downstream properties, the reroute will not take place. The analysis should be comprehensive to all affected Airport outfalls (Slip 6 and Boeing Isaacson).

Please let me know if you have questions regarding this process. Thanks.

Peter Dumaliang, Env. Sci. III

King County International Airport/Boeing Field

7277 Perimeter Rd. S.

Seattle WA 98108

Peter.Dumaliang@kingcounty.gov

Cell: 206-391-7577

-----Original Message-----

From: Ryan Larson [mailto:ryan-l@ci.tukwila.wa.us]

Sent: Thursday, March 18, 2010 2:34 PM

To: Dumaliang, Peter

Cc: Bob Giberson; MARGARETK@kenyondisend.com; Robin Tischmak

Subject: Jorgensen Forge Outfall Closure

Peter,

I have received confirmation from our attorney that I can proceed with trying to work out a plan on reimbursement for our current City outfalls that drain to King County outfalls and the proposed addition of the Jorgensen outfall. I reviewed the City as-built for the East Marginal Way project and found that the City is tied into three outfalls related to this issue. Using roadway stationing and a known right of way width of 100', I was able to determine that the City has 11.47 acres of roadway that drains to these three outfalls. The City currently charges property owners with 100% impervious coverage \$850.00 per area. Therefore, the City's 11.47 acres would result in \$9,752.63 fee using this rate. These calculations are summarized below:

The City's proposal to the Airport is that we would reduce the total area used to calculate the Airport's surface water bill by 11.47 acres (15.16%) in exchange for the right to continue draining EMWS to both the Museum and Airport Pump Station outfalls and to connect the City's Jorgensen basin discharge into the Airport system. The current net reduction in surface water billings would be \$9,752.63. As the City's surface water charges are increased over time, this reduction would increase by the same percentage since it would be tied to our discharge area. The City would also hire a consultant to review the Airport system to ensure there is adequate capacity for this additional Jorgensen area being routed through the Airport's drainage system.

Please let me know if this concept seems acceptable to the Airport. If so, we should probably get together to review the as-builts and calculations to make sure we are both in agreement with the calculations. Once we are in basic agreement to the terms, I will need to work with the City's attorney to draft up a Interlocal Agreement.

Thanks - Ryan

Ryan:

I was wondering if you had any developments regarding your plans for EMW drainage location.

Peter Dumaliang, Environmental Scientist III Airport Engineering

King County International Airport/Boeing Field

7277 Perimeter Rd. S.

Seattle WA 98108

Peter.Dumaliang@kingcounty.gov

Direct: (206) 296-7597

Fax: (206) 296-0190

Cell: (206) 391-7577

From: Ryan Larson [mailto:rlarson@ci.tukwila.wa.us]

Sent: Tuesday, January 05, 2010 10:19 AM

To: Dumaliang, Peter

Subject: RE: Airport CAD Drawing

Thanks!

>>> "Dumaliang, Peter" <Peter.Dumaliang@kingcounty.gov> 12/28/2009 3:44

>>> PM >>>

Ryan:

As requested please find attached KCIA Stormwater Map in CAD. Please let me know if you have questions.

Peter Dumaliang, Environmental Scientist III Airport Engineering

King County International Airport/Boeing Field

7277 Perimeter Rd. S.

Seattle WA 98108

Peter.Dumaliang@kingcounty.gov

Direct: (206) 296-7597

Fax: (206) 296-0190

Cell: (206) 391-7577

From: Ryan Larson [mailto:rlarson@ci.tukwila.wa.us]

Sent: Thursday, December 24, 2009 2:40 PM

To: Dumaliang, Peter

Subject: Airport CAD Drawing

Peter,

Could you please send me the CAD drawing of the airport drainage when you have a chance?

Thanks - Ryan